FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Note:
This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

READ THIS FIRST

Trademark Information

- Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.
- Pentium® is a registered trademark of Intel Corporation.
- Macintosh is a trademark of Apple Computer, Inc.
- SD™ is a trademark.
- Photo Explorer and Photo Express are trademarks.
- Other names and products may be trademarks or registered trademarks of their respective owners.

Product Information

- Product design and specifications are subject to change without notice. This includes primary product specifications, software, software drivers, and user's manual. This User Manual is a general reference guide for the product.
- The product and accessories that come with your Vivicam 5340s may be different from those described in this manual. This is due to the fact that different retailers often specify slightly different product inclusions and accessories to suit their market requirements, customer demographics, and geographical preferences. Products very often vary between retailers especially with accessories such as batteries, chargers, AC power adapters, memory cards, cables, carrying cases/pouches, and language support. Occasionally a retailer will specify a unique product color, appearance, and internal memory capacity. Contact your dealer for precise product definition and included accessories.
- The illustrations in this manual are for the purpose of explanation and may differ from the actual design of your Vivicam 5340s.
- The manufacturer assumes no liability for any errors or discrepancies in this user manual.
- For user manual and driver updates, refer to our website or contact your dealer.

SAFETY INSTRUCTIONS

Read and understand all ***Warnings*** and ***Cautions*** before using this product.

Warnings

If foreign objects or water have entered the camera, turn the power OFF and remove the batteries and the AC power adapter.
Continued use in this state might cause fire or electric shock. Consult the store of purchase.

If the camera has fallen or its case has been damaged, turn the power OFF and remove the batteries and the AC power adapter.
Continued use in this state might cause fire or electric shock. Consult the store of purchase.

Do not disassemble, change or repair the camera.
This might cause fire or electric shock. For repair or internal inspection, ask the store of purchase.

Use the supplied AC adapter only with the indicated power supply voltage.
Use with any other power supply voltage might cause fire or electric shock.

Do not use the camera in areas near water.
This might cause fire or electric shock. Take special care during rain, snow, on the beach, or near the shore.

Do not place the camera on inclined or unstable surfaces.
This might cause the camera to fall or tilt over, causing injury.

Keep the batteries out of the reach of children.
Swallowing batteries might cause poisoning. If the battery is accidentally swallowed, immediately consult a physician.

Do not use the camera while you are walking, driving or riding a motorcycle.
This might cause you to fall over or result in traffic accident.

Cautions

Insert the batteries paying careful attention to the polarity (+ or –) of the terminals.
Inserting the batteries with its polarities inverted might cause fire and injury, or damage to the surrounding areas due to the battery rupturing or leaking.

Do not fire the flash close to anyone's eyes.
This might cause damage to the person's eyesight.

Do not subject the LCD monitor to impact.
This might damage the glass on the screen or cause the internal fluid to leak. If the internal fluid enters your eyes or comes into contact with your body or clothes, rinse with fresh water. If the internal fluid has entered your eyes, consult a physician to receive treatment.

A camera is a precision instrument. Do not drop it, strike it or use excessive force when handling the camera.
This might cause damage to the camera.

Do not use the camera in humid, steamy, smoky, or dusty places.
This might cause fire or electric shock.

Do not remove the battery immediately after long period of continuous use.
The battery becomes hot during use. Touching a hot battery might cause burns.

Do not wrap the camera or place it in cloth or blankets.
This might cause heat to build up and deform the case, resulting in fire.Use the camera in a well-ventilated place.

Do not leave the camera in places where the temperature may rise significantly, such as inside a car.
This might adversely affect the case or the parts inside, resulting in fire.

Before you move the camera, disconnect cords and cables.
Failure to do this might damage cords and cables, resulting in fire and electric shock.

WARNING: Handling the USB and AV cables on this product may exposure you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. ***Wash hands after handling***.

Notes on Battery Usage

When you use the battery, carefully read and strictly observe the ***Safety Instructions*** and the notes described below:

- Different battery types and surrounding temperatures may affect the battery performance.
- Avoid using batteries in extremely cold environments as low temperatures can shorten the battery life and reduce camera performance.
- If you are using the new rechargeable batteries or rechargeable batteries that have not been used for an extended period of time (batteries that pass the expiration date are exceptions) might affect the number of images that can be taken. Therefore, to maximize their performance and lifetime, we recommend that you fully charge the batteries and discharge them for at least one complete cycle before use.
- The battery may feel warm when using the camera for an extended period of time or using the flash continuously. This is normal and not a malfunction.
- The camera may feel warm when being used continuously or for an extended period of time. This is normal and not a malfunction.
- If you will not be using the batteries for an extended period of time, remove them from the camera to prevent leakage or corrosion.
- Always keep the terminals in a clean state.

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INTRODUCTION

Thank you for purchasing the new Vivicam 5340s!
Equipped with a 5.0 Megapixels CCD sensor, your Vivicam 5340s delivers good quality, 2560 x 1920 resolution images.

Other features provided by Vivicam 5340s include the following:

- **5.0 Megapixels**
  A high-resolution CCD sensor provides 5.0 megapixels for good quality of images.
- **Auto flash**
  An auto flash sensor automatically detects the shooting (lightening) conditions and determines whether the flash should be used.
- **1.9" LTPS color image LCD monitor**
- **Optical zoom**: 3x
- **Digital zoom**
  Preview mode: 4x / Playback mode: 8x
- **10MB internal (built-in) memory**
  Images can be captured without using a memory card.
- **Support for SD memory card for memory expansion**
  You may wish to expand the memory capacity (up to 512MB capacity) by using an external memory card.
- **Camcorder and voice-recorder support**
- **USB connection (USB 2.0 compliant)**
  Still images, video clips, or voice recording files that you have recorded can be downloaded to your computer using the USB cable (A USB driver is required for Win 98 and Win98SE).
- **Provided editing software: Photo Explorer / Photo Express**
  You can enhance and retouch your images on your computer by using the provided editing software.

Package Contents

Carefully unpack your kit box and ensure that you have the following items. In the event that any item is missing or if you find any mismatch or damage, promptly contact your dealer.

Common Product Components:

- Vivicam 5340s Digital Still Camera
- User's Manual
- USB Cable
- Software CD-ROM
- AV Cable
- Docking Cradle
- Camera Strap
- Camera Pouch
- 1 Lithium-ion Rechargeable Battery (650mAh)

Common (Optional) Accessories:

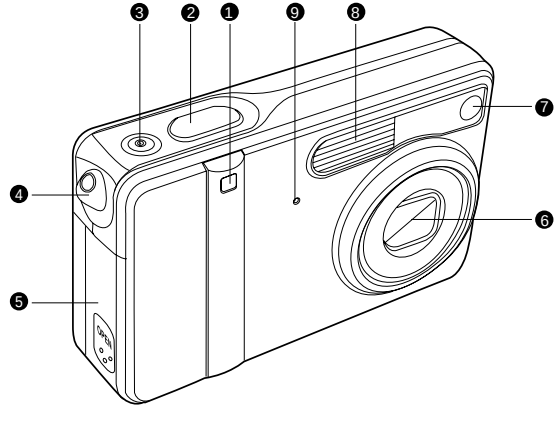
- SD Memory Card
- AC Power Adapter
- Battery Charger

Note

- Accessories and components may vary by retailer.

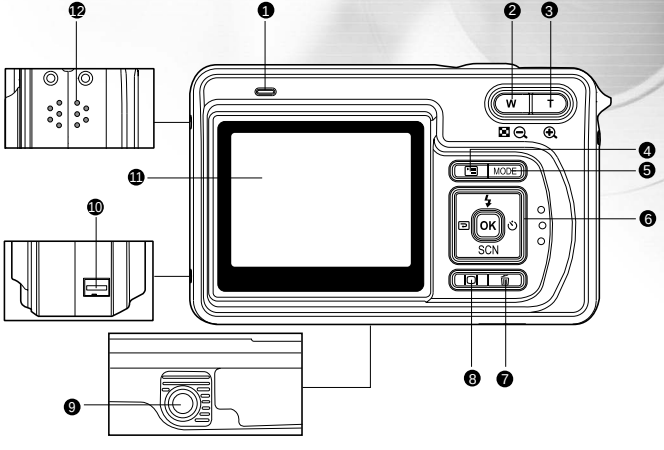
GETTING TO KNOW YOUR VIVICAM 5340S

Front View



1. Self-timer LED
2. Shutter button
3. Power button
4. Strap eyelet
5. Battery/SD memory card cover
6. Lens
7. Auto-Focus auxiliary LED
8. Flash
9. Microphone

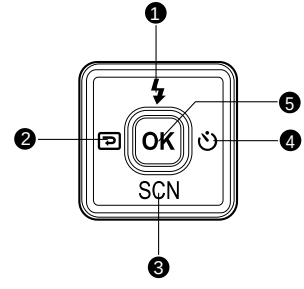
Rear View



1. LED indicator
2. **W** / Zoom out (Wide-angle) button
   Thumbnail button
3. **T** / Zoom in (Telephoto)button
4. Menu button
5. **MODE** button
6. Control buttons
7. Delete button
8. Display (LCD on/off) button
9. Tripod socket
10. Docking station terminal
    (DC IN 5V port/USB port)
11. LCD monitor
12. Speaker

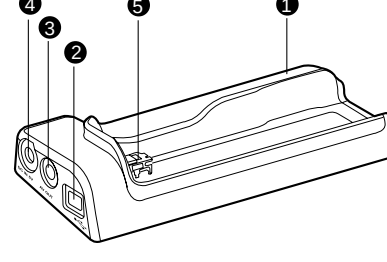
Control Buttons

1. ϟ (▲) Flash button
2. Playback button
3. **SCN** (▼) Scene Mode button
4. (▶) Self-Timer button
5. **OK** button



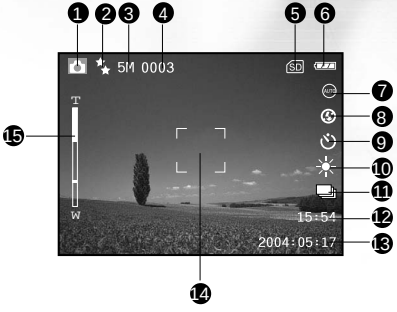
Top View of Docking Cradle

1. Cradle
2. USB port
3. AV-OUT port
4. DC IN 5V port
5. Cradle plug



LCD Monitor Information

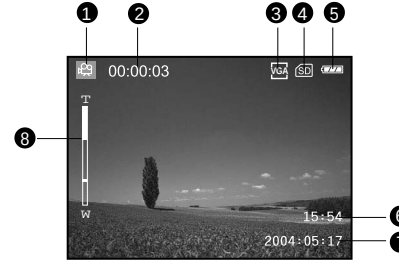
■ Camera Mode



1. Camera mode
2. Image quality
   - [★★★] Super Fine
   - [★★] Fine
   - [★] Normal
3. Image size
   - [5M] 2560 x 1920
   - [3M] 2048 x 1536
   - [2M] 1280 x 960
   - [VGA] 640 x 480
   - [TIFF] TIFF IMAGE
4. Possible number of shots
5. Memory card indicator
6. Remaining battery status
   - [▰▰▰] Full battery power
   - [▰▰] Medium battery power
   - [▰] Low battery power
   - [▱] No battery power
7. Scene mode
   - [AUTO] Auto Mode
   - [Backlight] Backlight Mode
   - [Landscape] Landscape Mode
   - [Macro] Macro Mode
   - [Night] Night Scene Mode
   - [Portrait] Portrait Mode
   - [Sports] Sports Mode
8. Flash mode
   - [Red eye] Red eye
   - [ ] No flash
   - [Auto] Auto flash
   - [ ] Forced flash
9. Self-timer mode
   - [3] 3 sec. delay
   - [10] 10 sec. Delay
   - Off
10. White balance
    - **[AUTO]** Auto
    - [☀] Daylight
    - [☁] Cloudy
    - [Sunset] Sunset
    - [Tungsten] Tungsten
    - [Fluorescent] Fluorescent
11. Capture mode
    - [S] Single
    - [Continuous] Continuous
    - [AEB] AEB
12. Time
13. Date
14. Focus area
15. Zoom state

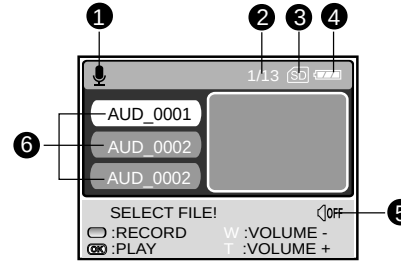
■ Movie Mode

1. Movie mode
2. Recordable movie time available
3. Resolution for video clips
4. SD memory card indicator (if present)
5. Battery power indicator
6. Time
7. Date
8. Zoom state



■ Audio Mode

1. Audio mode
2. Current file/ total number of audio files
3. SD memory card indicator (if present)
4. Battery power indicator
5. Sound level (speaker volume)
6. Audio file name



■ Image Playback

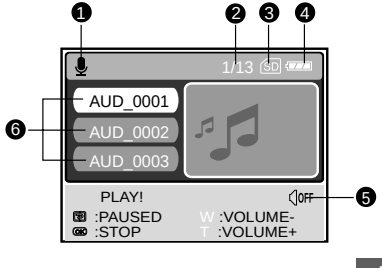
1. Play mode
2. Playback frame number
3. SD memory card indicator (if present)
4. Battery power indicator
5. Image size
6. Camera mode

■ Video Playback

1. Play mode
2. Total of recorded time
3. Resolution for video clips
4. SD memory card indicator (if present)
5. Battery power indicator
6. Playback indicator
7. Movie mode

■ Audio Playback

1. Audio mode
2. Current file/ total number of audio files
3. SD memory card indicator (if present)
4. Battery power indicator
5. Sound level (speaker volume)
6. Audio file name



LED Indicators

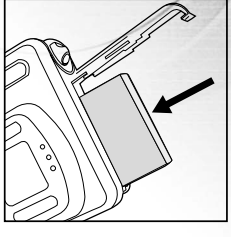
Indicator	State	Description/Activity
LED indicator	Solid red	1.Vivicam 5340s is powering up. 2.Vivicam 5340s is in the process of battery charge.
LED indicator	Solid green	USB communication is in progress.
	Blinking green	USB transfer is in progress.
Self-timer indicator	Blinking blue	The self-timer function is activated.

PREPARING VIVICAM 5340S

Installing the Battery

We highly recommend you to use the specified rechargeable lithium-ion battery to realize the full capability of your Vivicam 5340s before initial use. Make sure that the power of Vivicam 5340s is off before inserting or removing the battery.

1. Slide the battery cover in the direction of the [OPEN] arrow.
2. Insert the battery in the correct orientation as shown in the illustration.
3. Close the battery cover.



To remove the batteries
Hold Vivicam 5340s with the battery cover facing upward, then open the battery cover and remove the batteries.

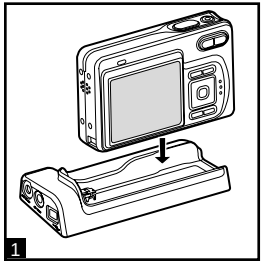
Note

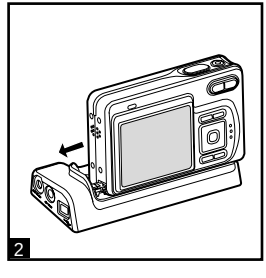
- Be careful not to drop the batteries when opening or closing the battery cover.

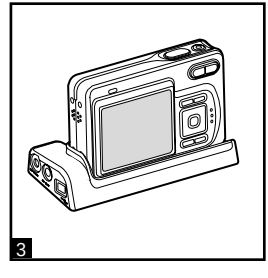
Docking Cradle

With the docking cradle, you can position your Vivicam 5340s and connect it to other media devices to play back your images, video clips, or voice recording files (output to a TV monitor or another recorder recording device, for example) on your desktop. The cradle will facilitate the battery charge of Vivicam 5340s in conjunction with an AC power adapter.

1. Position Vivicam 5340s on the cradle.
2. Match the docking connectors and carefully insert Vivicam 5340s until it fits in place.



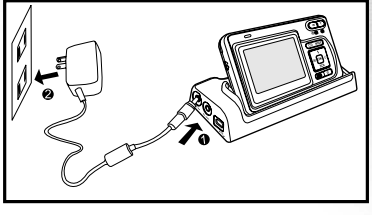




Charging the Battery

The state-of-charge of the battery will affect the performance of Vivicam 5340s. To maximize battery performance and lifetime, it is recommended that you fully charge the battery using the optional AC power adapter and then fully discharge it (through normal use) at least one time. Please note that Vivicam 5340s must be powered off before charging the battery. Otherwise, the power will be provided only to Vivicam 5340s.

1. Place Vivicam 5340s on the cradle. Connect the AC power adapter to the jack on the cradle labeled "DC IN 5V".
2. Connect the other end of the AC power adapter to a wall outlet.
   - Charging time differs depending on the ambient temperature and the status of battery.

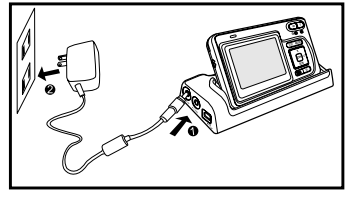


Note

- Vivicam 5340s must be used with the specified AC power adapter. Damage caused by the use of an incorrect adapter is not covered under the warranty.
- Always make sure that Vivicam 5340s is off before removing the battery.
- The battery may feel warm after it has been charged or immediately after being used. This is normal and not a malfunction.
- When using Vivicam 5340s in cold environments, keep Vivicam 5340s and its battery warm by holding it inside your jacket or other warm protective environment.
- The battery is not fully charged at shipment and must be fully charged before being used.

Using the AC Power Adapter (Optional Accessory)

1. Make sure Vivicam 5340s is turned off.
2. Connect one end of the AC power adapter to the jack on the cradle labeled “DC IN 5V”.
3. Connect the other end to an electrical outlet.

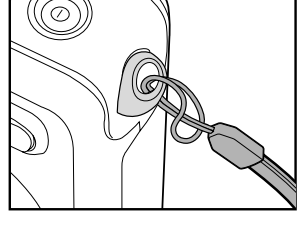


Note

- Make sure to use the specified AC power adapter of Vivicam 5340s. Damage caused by the use of an incorrect adapter is not covered under the warranty.
- To prevent unexpected auto power off resulting from no battery power left during the process of transferring your images to the computer, use the AC power adapter as a power supply.

Attaching the Camera Strap

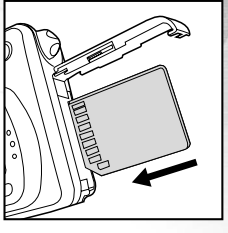
Attach the strap as shown in the illustration.



Inserting and Removing an SD Memory Card (Optional Accessory)

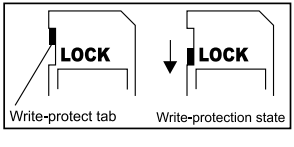
Vivicam 5340s comes with 10MB of internal memory, allowing you to store video clips, captured images, or voice recording files in Vivicam 5340s. However, you can also expand the memory capacity by using an optional SD (Secure Digital) memory card so that you can store more files.

1. Always make sure Vivicam 5340s is turned off before inserting or removing a memory card.
2. Insert an SD memory card in the correct orientation as shown in the illustration.
3. Close the battery/SD memory card cover.
   - To remove the SD memory card, make sure Vivicam 5340s is turned off. Press lightly on the edge of the memory card and it will eject.



Note

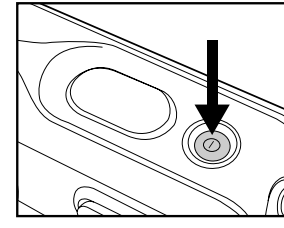
- Be sure to format an SD memory card with Vivicam 5340s before using it. Refer to section in the manual titled **"Formatting an SD Memory Card or Internal Memory"** for further details.
- To prevent valuable data from being accidentally erased from an SD card, you can slide the write protect tab (on the side of the SD memory card) to "LOCK".
- To save, edit, or erase data on an SD memory card, you must unlock the card.



GETTING STARTED

Turning the Power On/Off

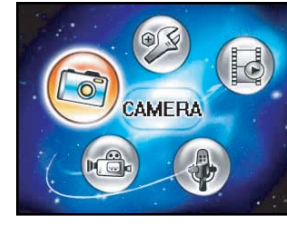
- Press the ⏻ button until Vivicam 5340s turns on.
- To turn the power off, press and hold the ⏻ button again.



Entering the Main Menu

After turning on Vivicam 5340s, the Main Menu screen appears. Follow the steps below to select the desired mode:

1. Press the ⏻ button to turn on the power.
2. Press the **MODE** button to access in Main Menu screen
3. Use ▲,▼,◀, or ▶ to choose the desired mode, then press the **OK** button.
4. For returning to Main Menu from each mode, press the **MODE** button again.

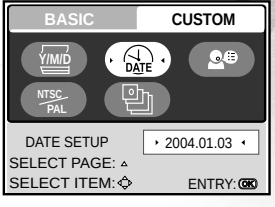


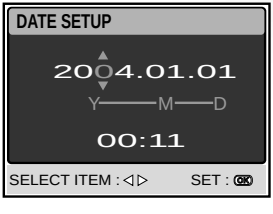
Setting the Date and Time

The date/time setting screen will automatically appear:

- When first turning Vivicam 5340s on.
- When turning the power on after leaving Vivicam 5340s without battery for an extended period of time.

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the **MODE** button to access in [(SETUP)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
3. Press ▶ to select the [CUSTOM] menu.
4. Use ▲,▼,◀, or ▶ to select [DATE SETUP], then press the **OK** button.
5. Press ◀ or ▶ to select the Year, Month, Day and Time fields.
   - To increase a value, press the ▲ button.
   - To decrease a value, press the ▼ button.
   - The time is displayed in 24-hours format.
6. Press the **OK** button after all fields are set.





Choosing the Screen Language

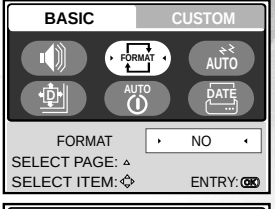
Follow the steps below to specify in which language menus and messages are to be displayed on the LCD monitor from the following: 日本語, ENGLISH, 繁體中文, 简体中文, FRANÇAIS, DEUTSCH, ITALIANO and ESPAÑOL.

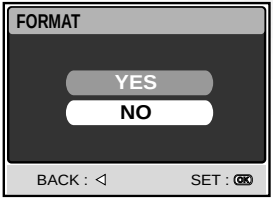
1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the **MODE** button to access in [(SETUP)] mode with ▲,▼,◀ or ▶, then press the **OK** button.
3. Press ▶ to select the [CUSTOM] menu.
4. Use ▲,▼,◀, or ▶ to select [LANGUAGE], then press the **OK** button.
5. Use ▲ or ▼ to select the language you want.
6. Press the **OK** button to confirm.

Formatting an SD Memory Card or Internal Memory

The term “Formatting” means preparing an “SD Memory Card” to record images; this process is also called “initialization”. This utility formats the internal memory (or memory card) and erases all stored images and data.

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the **MODE** button to access in [(SETUP)] mode with ▲,▼,◀ or ▶, then press the **OK** button.
   - The [BASIC] menu is displayed.
3. Use ▲,▼,◀, or ▶ to select [FORMAT], then press the **OK** button.
4. Use ▲ or ▼ to select [YES], then press the **OK** button to confirm.





Note

- When you format an SD memory card, be aware that all data of which will be permanently erased. Protected images are also erased.
- To format the internal memory, do not insert a memory card into Vivicam 5340s. Otherwise, you will format the memory card.
- Formatting is an irreversible action and data cannot be recovered at a later time.
- An SD memory card having any problem cannot be properly formatted.

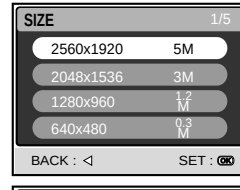
Setting Image Resolution and Quality

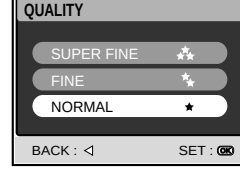
As you get to know Vivicam 5340s, you can set the image resolution (number of vertical and horizontal pixels) and image quality (compression ratio) based on the types of images you want to shoot. These settings affect the number of images that can be stored in memory, or on a memory card.

Higher resolution and higher quality images provide finer detail but cause the images' file size to be larger.

To change image resolution or image quality, perform these steps below:

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
3. Press the button.
   - The [PICTURE] menu is displayed.
4. Use ▲,▼,◀, or ▶ to select [SIZE], then press the **OK** button.
5. Use ▲ or ▼ to select the desired setting, then press the **OK** button.
6. Follow the step 4 and 5 above to set the [QUALITY].





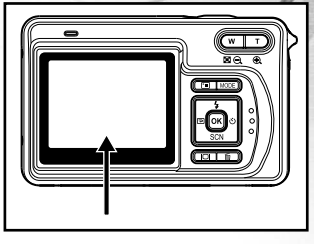
Note

- The possible number of shots and recording time depend on the storage size, resolution and quality settings and the subject of the image to be captured.
- You can resize the images later. (Please refer to section in this manual titled **"Resizing an Image"** for further detail.

Using the LCD Monitor

Your Vivicam 5340s is equipped with a 1.9" full color TFT LCD monitor to help you compose images, replay recorded images/video clips or adjust menu settings. The mode icons, text and numbers displayed on the monitor may vary according to the current settings.

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Compose your scene on the LCD monitor.
3. Press the shutter button.

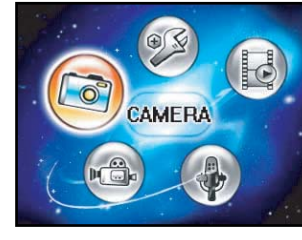


Note

- The LCD monitor darkens in strong sunlight or bright light. This is not a malfunction.
- To prevent your images from being blurred while pressing the shutter button, always hold it carefully. This is especially important when you are shooting under low lighting conditions, which your Vivicam 5340s may decelerate the shutter speed to ensure your images are properly exposed.

CAMERA MODE

Capturing Images



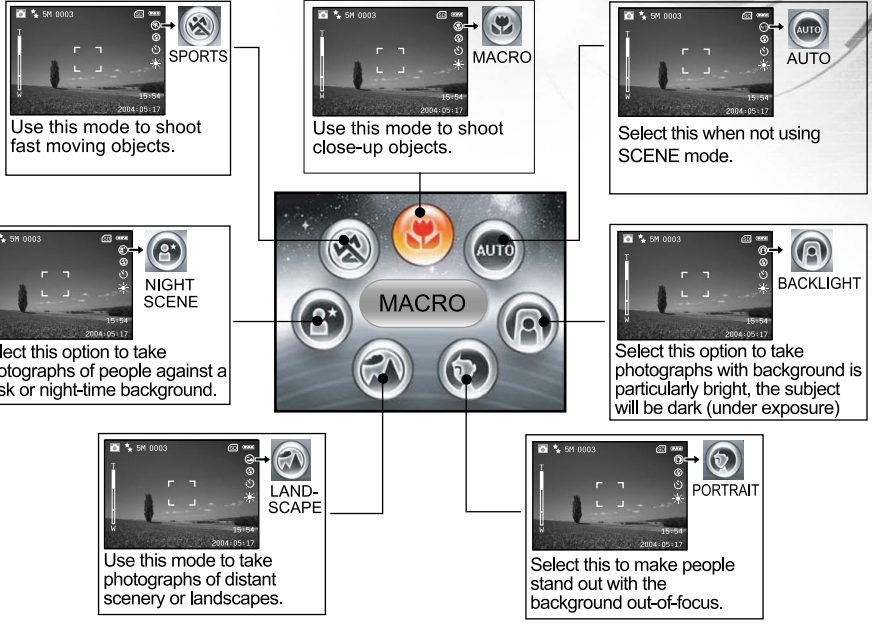
1. Press the ⏻ button to turn on the power.
2. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
3. Compose the image on the monitor screen so that the main subject is within the focus frame.
4. Press the shutter button down half way to focus the image.
   - When you press the shutter button down half way, Vivicam 5340s' Auto Focus feature automatically focuses the image and exposure.
5. Press the shutter button the rest of the way down to capture the image.

Note

- The actual captured image appears to be larger than the one on LCD after image captured.
- Pressing the |O| button switches the LCD monitor display mode. Each time you press the |O| button, the display changes in the following order: Standard Display ➜ Simplified Display.

Scene Modes

Your Vivicam 5340s offers you seven scene modes to capture images easily in a situation that is programmed to handle all adjustments for you by selecting the following shooting conditions.



To use the SCENE mode, follow the steps below:

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press ▼/ **SCN** to access in [SCENE] mode.
3. Use ▲,▼,◀, or ▶ to select the desired scene mode, then press the **OK** button to confirm.
4. Compose the image and then press the shutter button.

Note for the following functions according to the desired scene from a menu:

AUTO	Vivicam 5340s will automatically adjust the focus and exposure depending on the settings of ISO sensitivity and White Balance.
BACKLIGHT	In this mode, Flash mode will be set to ϟ (Forced Flash) automatically.
LANDSCAPE	The Flash mode will be set to ⊗ (Flash Off).
SPORT	In this mode, the low limit of shutter speed is 1/125.
MACRO	The Flash mode will be set to ⊗ (Flash Off).

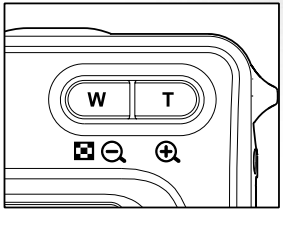
Using the Zoom Function

Vivicam 5340s is equipped with 3x optical zoom. The lens moves during the optical zoom photography, allowing you to capture telephoto and wide-angle shots. By using the optical zoom function; images appear closer by pressing the **T** button, or smaller away by pressing the **W** button.

Moreover, you can further enlarge the subjects with 4x digital zoom by pressing continuously the **T** button. It is activated after your Vivicam 5340s reaches its maximum optical zoom factor (3x). A useful feature as it is, however, the more the image is magnified, the grainer the image may become.

To capture a zoomed image, perform the following steps:

1. Adjust the magnification ratio by using the **T/W** button.
   - To access the optical zoom function, press the **T** button as far as it can go. Press it again to activate the digital zoom.
   - To exit the zoom photography, press continuously the **W** button.
2. Compose your scene and press the shutter button.



Note

- The digital magnification ranges from 1.5x to 4x (in 6 steps: 1.5x, 2x, 2.5x, 3x, 3.5x, 4x).
- While recording video clips, the zoom function cannot be activated.

Using the Macro (Close-Up) Mode

With this mode, Vivicam 5340s' lens switches the auto focus system to focus on subjects that are much closer to the lens. This feature allows you to shoot close-up objects, such as small insects or flowers to get the smallest detail.

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press ▼/ **SCN** to access in [SCENE] mode.
3. Use ▲,▼,◀, or ▶ to choose [(MACRO)], then press the **OK** button.
   - The icon appears on the LCD monitor.
4. Compose your scene and press the shutter button.
   - When not using MACRO mode at any time, press ▼/ **SCN** again to choose AUTO with ▲,▼,◀, or ▶ and then press the **OK** button.

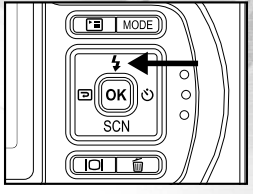
Note

- After a macro shot is taken **DO NOT FORGET** to reset the lens to the normal position.

Using the Flash

The flash is designed to function automatically when lighting conditions warrant the use of flash. You can take an image using a desired flash mode to suit your circumstances.

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the ▲/ ϟ button to access in [FLASH] mode.
3. Use ▲,▼,◀, or ▶ to select the desired flash mode, then press the **OK** button.
   - The flash mode you set will be displayed on the LCD monitor.
4. Compose your scene and press the shutter button.



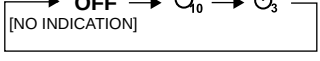
Vivicam 5340s has four flash modes: Red Eye, No Flash(default), Auto Flash and Forced Flash. The table below will help you to choose the appropriate flash mode:

Flash mode	Description
RED EYE	Use this mode to reduce the red-eye phenomenon when you want to take natural-looking images of people and animals in low-light conditions. When capturing images, the red-eye phenomenon can be reduced by asking the subject (person) to look at Vivicam 5340s or get as close to Vivicam 5340s as possible.
NO FLASH	Use this mode in the environment that the flash use is prohibited or under the situation that the distance to the subject is too far away for the flash to have any effect.
AUTO FLASH	The flash fires automatically according to suit the photographic conditions.
FORCED FLASH	The flash will always fire regardless of the surrounding brightness. Select this mode for recording images with high contrast (backlighting) and deep shadows.

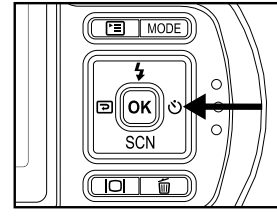
Using the Self-Timer

The self-timer can be set in [(CAMERA)] mode. This feature is used in situations such as group shots.

1. Secure Vivicam 5340s to a tripod or place it on a stable surface.
2. Press the ⏻ button to turn on the power.
3. Toggle ▶/⏲ to select the desired self-timer mode.



4. Compose your scene and press the shutter button.
   - The self-timer function is activated and the status of countdown will be displayed on the LCD monitor.
   - The photography is then taken after the preset time.
   - To cancel the self-timer at any time, press ⏲ to disrupt the sequence.



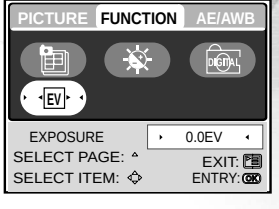
Note

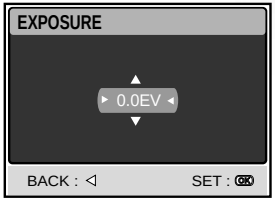
- After one shot is taken, the self-timer mode is turned off.
- If you wish to take another image using the self-timer, repeat these steps.

Adjusting the Exposure

You can manually adjust the exposure determined by Vivicam 5340s. Use this mode when the proper exposure cannot be obtained, for example, when the contrast (different between light and dark) between the subject and the background is extremely large. The EV compensation value can be set in the range from –2.0EV to +2.0EV.

1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press , then use ▶ to select the [FUNCTION] menu.
3. Use ▲,▼,◀, or ▶ to select [EXPOSURE], then press the **OK** button.
4. You can use ▲ or ▼ to set the range of EV compensation value from –2.0EV to +2.0EV, then press the **OK** button.
   - To reactive auto exposure, select [0EV] in step 4.
5. To exit from the menu, press the button.

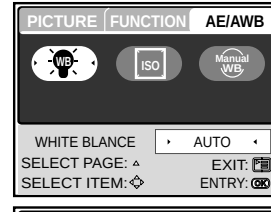


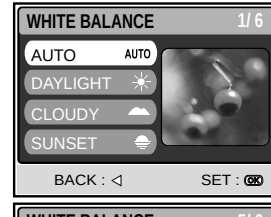


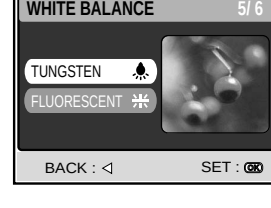
Setting White Balance

This feature lets you make adjustments to compensate for different lighting types according to your shooting conditions.

1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press , then toggle ▶ to select the [AE/AWB] menu.
3. Use ▼ to select [WHITE BALANCE], then press the **OK** button.
4. Use ▲ or ▼ to select the desired setting.
5. To exit from the menu, press the button.





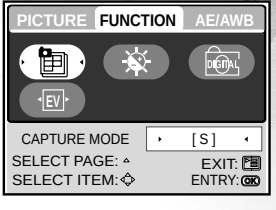


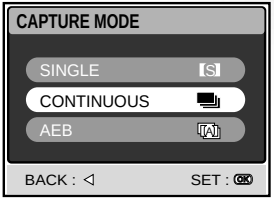
ADVANCED SHOOTING

Continuous Capture

This mode is used for continuous capture. Images are taken continuously while the shutter release button is pressed.

1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press , then use ▶ to select the [FUNCTION] menu.
3. Use ▼ to select [CAPTURE MODE], then press the **OK** button.
4. Use ▲ or ▼ to select [CONTINUOUS], then press the **OK** button.
5. To exit from the menu, press the button.
   - The indicator is displayed on the monitor screen.
6. Press the shutter button halfway to lock the focus.
7. Press the shutter button all the way to shoot.
   - Shooting will stop when the shutter button is released.





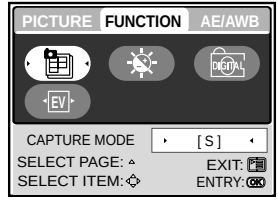
Note

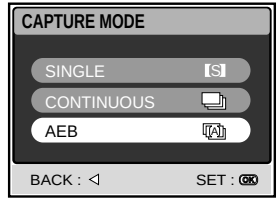
- Maximum number of continuous shots: 10
- In Continuous mode, the flash mode will be set to **OFF** automatically.

Auto Exposure Bracketing (AEB)

In this mode, Vivicam 5340s automatically changes the exposure within a set range to take three shots after you press the shutter button once. AEB settings can be combined with exposure compensation settings to extend the adjustment range.

1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press , then use ▶ to select the [FUNCTION] menu.
3. Use ▼ to select [CAPTURE MODE], then press the **OK** button.
4. Use ▲ or ▼ to select [AEB], then press the **OK** button.
5. To exit from the menu, press the button.
   - The indicator is displayed on the monitor screen.
6. Press the shutter button to shoot.





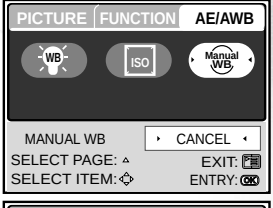
Note

- In AEB mode, the flash mode will be set to **OFF** automatically.

Adjust White Balance Manually

Manual white balance lets you configure Vivicam 5340s for a particular light source and other conditions. Note that you must perform manual white balance under the same conditions you will be shooting under. You must also have a white piece of paper or other similar object on hand in order to perform this function.

1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press , then toggle ▶ to select the [AE/AWB] menu.
3. Use ▼ and ▶ to select [MANUAL WB], then press the **OK** button.
4. Point Vivicam 5340s at an enclosed gray card for which you can set the white balance.
   - This starts the white balance adjustment procedure.
5. Use ▲ or ▼ to select [EXECUTE], then press the **OK** button to confirm..
   - The procedure of manual white balance is complete.
   - If you with to cancel [MANUAL WB] setting, press ▲ or ▼ to select [CANCEL].
6. To exit from the menu, press the button.
7. Press the shutter button to shoot.



PLAY MODE - THE BASICS

In the [⊙ (PLAY)] mode, you can view, magnify, delete images or play video clips back. This mode also provides thumbnail images display and slide show, allowing you to quickly search for the desired image.

Viewing Images

1. Press the ⏻ button to turn on the power.
2. Press the **MODE** button to access in [⊙ (PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
3. In the [⊙ (PLAY)] mode, use ◀ or ▶ to select the desired images.
   - To view the previous image, press the ◀ button.
   - To view the next image, press the ▶ button.

Note

- If there is no image stored in the internal memory or on the memory card. [NO PICTURE] message will appear on the monitor.
- Pressing |▢| switches the LCD monitor display mode. Each time you press |▢|, the display changes in the following order: Standard display ➔ Detailed display ➔ No information.

Magnifying Images

While reviewing your images, you may enlarge a selected portion of an image. This magnification allows you to view the details. The zoom factor is displayed on the screen, showing the current magnification ratio. Images that are being playback can be enlarged in 14 levels of 8 times enlargement.

1. Press the **MODE** button to access [(PLAY)] mode with ▲,▼, ◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, use ◀ or ▶ to select the desired images.
   - To view the previous image, press the ◀ button.
   - To view the next image, press the ▶ button.
3. Adjust the zoom ration by using the **T**/**W** button.
   - To enlarge the selected image, press the **T** button.
   - To return to the normal image, press the **W** button.
   - The magnification factor is displayed on the LCD monitor.
4. To view different portion of the images, press ▲,▼,◀, or ▶ to adjust the display area.
   - The displayed image is enlarged; you will see a white frame with a pink box inside. The white frame indicates the entire image, while the pink box shows the location of the currently enlarged area.

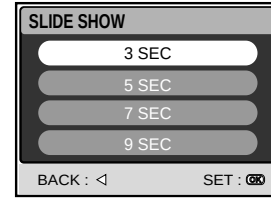
Note

- The magnification factors range from 1.5x to 8x within 14 stages: 1.5x, 2.0x, 2.5x, 3.0x, 3.5x, 4.0x, 4.5x, 5.0x, 5.5x, 6.0x, 6.5x, 7.0x, 7.5x and 8.0x.

Slideshow Display

The slide show function enables you to play your images back automatically in sequential order. This is very useful and entertaining feature for reviewing recorded images and for presentations.

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, press to select [SLIDE SHOW] with ▲,▼,◀, or ▶, then press the **OK** button.
3. Use ▲ or ▼ to set the slideshow interval, then press the **OK** button.
   - The slide show starts.
   - The video clips are displayed the first frame image, and not played back.
   - To stop slide show, press the **OK** button.



Resizing an Image

You can follow the steps below to an image to one of the four sizes.

You can change the image size of a captured image to one of the following sizes: 2560x1920 pixel, 2048x1536 pixel, 1280x960 pixel and 640x480 pixel. The original image is retained even after resizing.

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, use ◀ or ▶ to select the desired image you want to resize.
3. Press to select [RESIZE] with the ▲,▼,◀, or ▶ button, then press the **OK** button.
4. Use ▲ or ▼ to select the desired setting, then press the **OK** button to confirm.

MOVIE MODE

Recording Video Clips

1. Press the ⏻ button to turn on the power.
2. Press the **MODE** button to access in [(MOVIE)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
3. Press the shutter button to start recording.
4. Press the shutter button again to stop recording.

Note

- The function of optical zoom (3x) can be activated before you start to record video clips.
- Pressing the |O| button switches the LCD monitor display mode. Each time you press the |O| button, the display changes in the following order: Standard Display ➜ Simplified Display.

Playing Back Video Clips

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, use ◀ or ▶ to go through the images until the video clip you want to play back is displayed.
   - To view the previous image, press the ◀ button.
   - To view the next image, press the ▶ button.
3. Press the shutter button to start playing back the video clips.
   - To pause or resume video playback, press the shutter button.
   - To stop playback, press the **OK** button.
   - Use ϟ to start fast reverse playback.
   - Use **SCN** to start fast forward playback.

Note

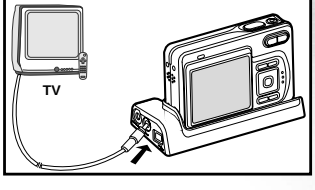
- The zoom function cannot be activated while playing the video clips back.
- To playback the video clips on the computer, we recommend you to use Windows Media Player 9.0 (WMP 9.0). You can download WMP version from the website at www.microsoft.com.

PLAY MODE - ADVANCED FUNCTIONS

Playing Back Images/Video Clips on TV

You can also playback your images on a TV screen. Before connecting to any device, make sure to select NTSC/PAL system to match the video output system of the video equipment you are going to connect to Vivicam 5340s, then turn all connected devices off.

1. Position Vivicam 5340s on the cradle.
2. Match the docking connectors and carefully insert Vivicam 5340s until it fits in place.
3. Connect one end of the A/V cable to the A/V terminal of the cradle.
4. Connect the other end to the A/V input socket of the TV set.
5. Turn the TV and Vivicam 5340s on.
6. Playback the still images/video clips.
   - The method of operation is the same as playing back still images and video clips on Vivicam 5340s.



Rotating Images in the Display

This function lets you rotate images so that the images are played back with the correct orientation. You can rotate an image 90 degree clockwise or counterclockwise.

1. Press the **MODE** button to access in [(PLAY)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, use ◀ or ▶ to display the image you want to rotate.
3. Press ▲ or ▼ to rotate the selected image +90^{0} or -90^{0}.

90^{o}Counterclockwise

0^{o}(Original)

90^{o}Clockwise

Note

- You cannot rotate video clips.
- Rotated images can be magnified.

Deleting Images/Video Clips

Use this function to delete one or all images/video clips stored in the internal memory or memory card. Please note that the deleted images or video clips cannot be recovered. Exercise caution before deleting a file.

To delete a single image/video clip

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. Use ◀ or ▶ to select the image you want to delete.
3. Press 🗑 to delete the file.
4. When the delete message appears, use ◀ or ▶ to select [YES], then press the **OK** button.
   - If you wish to cancel the deletion, select [NO].

To delete all images/video clips at once

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, press ☰ to select [DELETE ALL] with ▲,▼,◀, or ▶, then press the **OK** button.
3. To confirm the deletion of all images, use ▲ or ▼ to select [YES], then press the **OK** button.
   - The message “NO PICTURE” appears on the LCD screen.

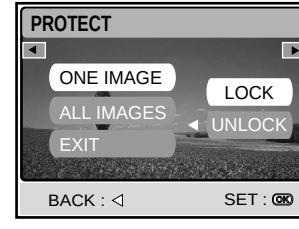
Note

- Note that you cannot delete protected images.
- Pressing the 🗑 button in the playback mode allows you to quickly delete the selected image, sparing you the requisites of accessing the menu mode.

Protecting Images/Video Clips

Set the data to read-only to prevent images from being erased by mistake.

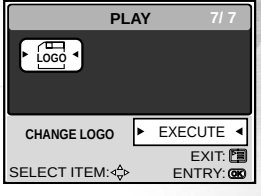
1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, press to select [PROTECT] with the ▲,▼,◀, or ▶ button, then press the **OK** button.
3. Use ▲ or ▼ to choose the desired setting, then press the **OK** button.
   - [ONE IMAGE]: Protect one image/movie.
   - [ALL IMAGES]: Protect all images/movies (at once).
   - [EXIT]: Exit from this menu.
4. Use ▲ or ▼ to select [LOCK], then press the **OK** button.
   - Press to return to the [PLAY] mode. The indicator appears on the selected image.
   - If you wish to cancel the protect function, select [UNLOCK].



Changing the Camera Startup Logo

This feature lets you specify one of your recorded images as your setup screen image, which will be displayed on the monitor whenever you press the ⏻ button to turn on Vivicam 5340s.

1. Press the **MODE** button to access in [(PLAY)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. In the [(PLAY)] mode, press to access in [PLAY] menu.
3. Use ▲,▼,◀, or ▶ to select [CHANGE LOGO], then press the **OK** button.
4. Use ▲ or ▼ to select [EXECUTE], then press the **OK** button to confirm.
   - The new logo will be activated on the next time you turn on Vivicam 5340s.



AUDIO MODE

Vivicam 5340s enables you to record and playback voice files anytime and anywhere.

Recording Voice Files

1. Press the ⏻ button to turn on Vivicam 5340s.
2. Press the **MODE** button to access in [(AUDIO)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
3. In the [(AUDIO)] mode, use the shutter button to start voice recording.
   - A ● indicator is displayed on the screen.
   - Recording stops when you press the shutter button again.

Playing Back a Voice Recording File

1. Press the **MODE** button to access in [(AUDIO)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
   - Voice playlist appears on the screen.
2. In the [(AUDIO)] mode, use ▲ or ▼ to select the voice recording file you want to play.
3. Press the **OK** button to start playback of the voice-recording file through Vivicam 5340s' speaker.
   - To pause playback, press the ⏯ button.
   - To resume playback, press the **OK** button.
   - To stop playback, press the **OK** button again.

Deleting a Voice Recording File

1. Press the **MODE** button to access in [(AUDIO)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. In the [(AUDIO)] mode, use ▲ or ▼ to select the voice file you want to delete.
3. Press to delete the selected voice file.
4. When the delete message appears, use ◀ or ▶ to select [YES], and then press the **OK** button.
   - If you wish to cancel the deletion, select [NO].

■ **Button operations**

To	Press	Functional Description
Power on/off	⏻	Press the ⏻ button to turn on/off Vivicam 5340s.
Start/stop voice recording	Shutter button	Press the shutter button to start or stop voice recording.
Choose previous/next voice recording file	▲ / ▼	Use ▲ or ▼ to choose previous or next voice-voice-recording filerecording file and then press the **OK** button to play.
Start/stop playback of a voice recording file	**OK**	Press the **OK** button to start or stop playback of a voice recording file
Adjust audio volume	**T/W**	Press **T** or **W** to increase or decrease audio volume.
Delete a voice recording file	🗑	Press the 🗑 button to delete voice-recording files.
Enter the Main Menu	**MODE**	Press the **MODE** button to return to one of the following modes: [SETUP], [CAMERA], [MOVIE], [AUDIO], or [PLAY].

Note

- Audio volume can be adjusted only when playback is being performed or is paused.

TRANSFERRING FILES FROM YOUR VIVICAM 5340S TO YOUR COMPUTER

After using USB cable to establish a USB connection between Vivicam 5340s and your computer, you can use your computer to share recorded images/video clips/voice-recording files with your family or friends via a e-mail or post them on the Web. In order to do this, you must install the USB driver onto your computer first. Note that before you begin to install the software, you need to check your system according to the table as shown below.

	System Requirements (Windows)	**System Requirements (Macintosh)**
CPU	Pentium 400 MHz processor or higher	G3/G4
OS	Windows 98/98SE/ME/2000/XP	OS X
Memory	128MB	128MB
Free Space on Hard Disk	128MB hard disk space	128MB hard disk space
Required Devices	A CD-ROM drive An available USB port	A CD-ROM drive An available USB port

Step 1: Install the USB driver

■ **Installation on Windows 98 & 98SE**

The USB driver on the supplied CD-ROM is exclusively for Windows 98 and 98SE. Windows 2000/ME/XP users need not install the USB driver.

1. Insert the enclosed CD-ROM into your CD-ROM drive.
2. When the welcome screen appears, click "**Install USB Driver** ". Follow the on-screen instructions to complete the installation.
3. After the USB driver has been installed, restart your computer.

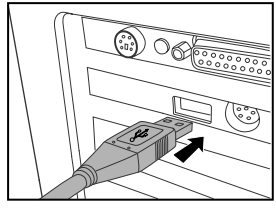
■ **Installation on MAC OS X**

For Mac OS X, the computer will automatically recognize Vivicam 5340s and load its own USB drivers.

Step 2: Connect Vivicam 5340s to your computer

1. Position Vivicam 5340s on the cradle.
2. Connect one end of the USB cable to the USB connector on the cradle.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. There will be a new “Removable Disk” icon detected in “My Computer”, in which contains your recorded images/video clips/ audio files.

   (For **Mac users,** double-click [untitled] or [unlabeled] disk drive icon on our desktop.)



Note

- When connecting to the computer, it is necessary to install the battery into Vivicam 5340s.
- While transferring images to your computer, the other buttons on Vivicam 5340s will not perform the functions.

Step 3: Download images, video clips or voice-recording files

When Vivicam 5340s is turned on and connected to your computer, it is considered to be a disk drive, just like a floppy disk or CD. You can download (transfer) images by copying them from the “Removable disk” (“untitled” or “unlabeled” disk on a Macintosh) to your computer hard drive.

■ **Windows**

Open the “removable disk” and double click on the DCIM / CAMERA folder to open it to find more folders. Your images are inside these folder(s). Select the desired still images / video clips /audio files and then choose “Copy” from the “Edit” menu. Open the destination location (folder) and choose “Paste” from the “Edit” menu. You may also drag and drop image files from Vivicam 5340s to a desired location.

■ **Macintosh**

Open the “untitled” disk icon, and the destination location on your hard disk. Drag and drop from Vivicam 5340s to the desired destination.

Note

- Memory card users may prefer to use a memory card reader (highly recommended).
- Video playback application is not included with the package. Make sure that video playback application has been installed in your computer.

EDITING SOFTWARE INSTALLATION

Installing Photo Explorer

Ulead® Photo Explorer provides a simple and efficient way to transfer, browse, modify and distribute digital media. Acquire photos, video or sound clips from various digital device types and easily browse or add personal descriptions; make timely modifications; or distribute the media through the medium of your choice: E-mail, Print, Slideshow Presentations. It is an indispensable all-in-one tool for owners of digital cameras, WebCams, DV camcorders, scanners, or anyone who strives to effectively organize a large collection of digital media.

1. Insert the enclosed CD-ROM into your CD-ROM drive.
2. When the welcome screen appears, click "**Install Ulead® Photo Explorer**". Follow the on-screen instructions to complete the installation.

Note

- For more information about the operation of Photo Explorer application software, refer to its respective help documentation.
- For Windows 2000/XP users, please make sure to install and use the Photo Explorer in "Administrator" mode.
- Photo Explorer is not supported on the Mac. iPhoto or iPhoto2is recommended.

Installing Photo Express

Ulead® Photo Express is complete photo project software for digital images. The step-by-step workflow, visual program interface, and in-program help assist users in creating exciting photo projects. Acquire digital photos effortlessly from digital cameras or scanners. Organize them conveniently with the Visual Browse mode. Use hundreds of ready-to-use templates such as albums, cards, posters, slideshows, and more. Edit and enhance images with photo editing tools, photographic filters, and special effects. Embellish projects by adding creative design elements such as frames, callouts, and stamp objects. Share results with family and friends via e-mail and multiple print options.

1. Insert the enclosed CD-ROM into your CD-ROM drive.
2. When the welcome screen appears,click "**Install Ulead® Photo Express**". Follow the on-screen instructions to complete the installation.

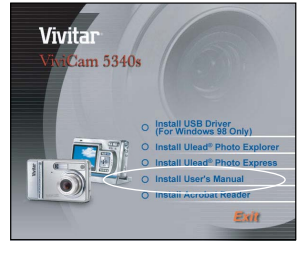
Note

- For information on how to use Photo Express to edit and retouch your recorded images, please refer to its online help.
- For Windows 2000/XP users, make sure to install and use the Photo Express while logged in as a user with an Administrator account.
- Photo Express is not supported on the Mac.

INSTALL USER'S MANUAL

A copy of the user manual is provided on the CD-ROM in PDF format. It is a backup copy of the printed manual. If you misplace the printed guide, you may print another copy from the CD-ROM. The only requirement for viewing the User Manual on the CD-ROM is that you have Acrobat Reader (Adobe Reader) installed on your computer. Updates to this manual, and versions in other languages may be found on the Vivitar website (www.vivitar.com).

1. Insert the CD-ROM that came with the camera into the CD-ROM drive. The welcome screen appears.
2. Click "**Install User's Manual**". Follow the on-screen instructions to complete the installation.
   Alternatively, browse the CD-ROM to find the PDF file.



INSTALL ACROBAT READER

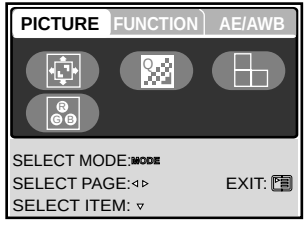
The CD-ROM includes a PDF (portable document format) copy of the user's manual. To view a PDF you must have Acrobat Reader installed in your computer. Acrobat Reader is included on the camera CD ROM. Using Acrobat Reader, you can read the user's manual and print sections of interest.

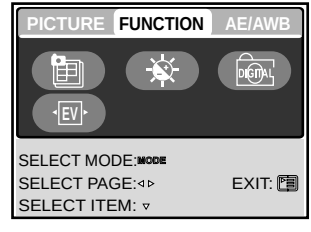
1. Insert the CD-ROM that came with the camera into the CD-ROM drive. The welcome screen appears.
2. Click "**Install Acrobat Reader**". Follow the on-screen instructions to complete the installation.

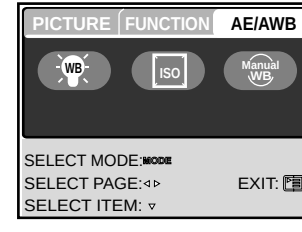
MENU OPTIONS

Camera Menu

This menu is for the basic settings to be used when capturing still images in camera mode.







1. Press the **MODE** button to access in [(CAMERA)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
2. Press to access in [CAMERA] menu, then use ◀ or ▶ to select [PICTURE] / [FUNCTION] / [AE / AWB] menu.
3. Use ▲,▼,◀, or ▶ to select the desired option item in [PICTURE] / [FUNCTION] / [AE / AWB] menu, then press the **OK** button.
4. To exit from the menu, press the button.

■ **PICTURE Settings**

Option	Functional Description
SIZE	Sets the size of the image that will be captured. * 5M 2560 x 1920 * 3M 2048 x 1536 * 1M 1280 x 960 * VGA 640 x 480 * TIFF TIFF IMAGE
QUALITY	Sets the quality (compression rate) at which the image is captured. * ★★★ SUPER FINE * ★★ FINE * ★ NORMAL
SHARPNESS	Sets the level of image sharpness. * HIGH * NORMAL * LOW
COLOR	Sets the color of the image that will be captured. * NORMAL * B&W * SEPIA

■ **FUNCTION Settings**

Item	Functional Description
CAPTURE MODE	Sets the recording method at the time of capturing images. * [S] SINGLE * CONTINUOUS * [A] AEB
LCD BRIGHT	Sets whether or not to use digital zoom at the time of photography. The adjustment range is from –5 to +5.
DIGITAL ZOOM	Sets whether or not to use digital zoom at the time of photography. * ON/OFF
EXPOSURE	Sets to obtain the correct exposure when the subject is much brighter or darker than the background. The EV compensation value can be set in the range from –2.0EV to +2.0EV.

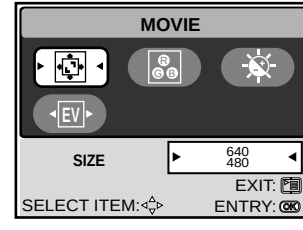
■ **AE/AWB Settings**

Item	Functional Description
WHITE BALANCE	Sets the white balance photographing under a variety of lighting conditions and permits images to be taken that approach the conditions that are seen by the human eye. * **AUTO** AUTO * DAYLIGHT * CLOUDY * SUNSET * TUNGSTEN * FLUORESCENT
ISO	Sets the sensitivity for capturing images. When the sensitivity is raised (and the ISO figure is increased), photography will become possible even in dark locations, but the more pixilated (grainer) the image will appear. *AUTO/100/200
MANUAL WB	Manually sets the white balance and stores it. Use of this is convenient when the white balance does not offer a good match. Before select [EXECUTE] determine the subject (such as a white paper) that will be used to set the white balance. *EXECUTE/CANCEL

Movie Menu

This menu is for the basic settings to be used when recording video clips.

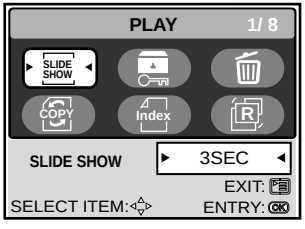
1. Press the **MODE** button to access in [(MOVIE)] mode with ▲, ▼,◀, or ▶, then press the **OK** button.
2. Press to access in [MOVIE] menu.
3. Use ▲,▼,◀, or ▶ to select the desired setting, then press the **OK** button.
4. To exit from the menu, press the button.

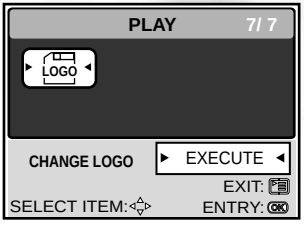


Item	Functional Description
SIZE	Sets the size of the image that will be recorded. * 640X480 * 320X240
COLOR	Refer to “Camera Menu - PICTURE Settings” in LIST OF MENU OPTIONS.
LCD BRIGHT	Refer to “Camera Menu - FUNCTION settings” in LIST OF MENU OPTIONS.
EXPOSURE	Refer to “Camera Menu - FUNCTION settings” in LIST OF MENU OPTIONS.

Play Menu

In the [PLAY] menu, set which settings are to be used for playback.





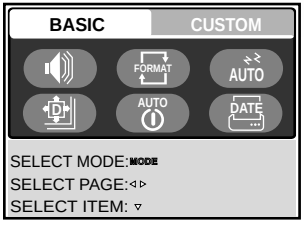
1. Press the **MODE** button to access in [(PLAY)] mode with ▲,▼,◀ or ▶, then press the **OK** button.
2. Press to access in [PLAY] menu.
3. Use ▲,▼,◀ or ▶ to select the desired setting, then press the **OK** button.
4. To exit from the playback menu, press the button.

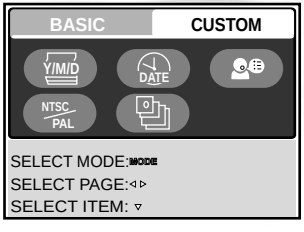
Item	Functional Description
SLIDE SHOW SLIDE SHOW	You can play back recorded images in order with a selected interval time. This function is useful for checking your images or for presentations, etc. Refer to section in this manual titled “Slideshow Display” for further details. * 3SEC/5SEC/7SEC/9SEC
PROTECT	Set the data to read-only to prevent images from being erased by mistake. Refer to section in this manual titled “Protecting Images/Video Clips” for further details.
DELETE ALL	Delete all files. * YES/NO

Item	Functional Description
COPY TO CARD	Allows you to copy your files from Vivicam 5340s' internal memory to a memory card. Of course, you can only do this if you have a memory card installed and some files in internal memory. * YES/NO
THUMBNAIL	Allows you to view 4 or 9 thumbnail images on the LCD monitor at the same time, which can quickly search for the image that you want. * 4/9
RESIZE	Changes the size of a recorded image. *2560 x 1920 *2048 x 1536 *1280 x 960 *640 x 480 * EXIT
CHANGE LOGO	Allows you to specify one of your recorded images as your setup screen image, which will be displayed on the monitor whenever you press the ⓘ button to turn on Vivicam 5340s. *EXECUTE/CANCEL

Setup Menu

You can select your preferences on the camera settings in the mode.





1. Press the **MODE** button to access in [(SETUP)] mode with ▲,▼,◀, or ▶, then press the **OK** button.
   - The [SETUP] menu is displayed.
2. Press ◀ or ▶ to select the [BASIC] / [CUSTOM] menu.
3. Use ▲,▼,◀, or ▶ to select the desired option item, then press the **OK** button.
4. Press the **MODE** button to return to Main Menu and select the desired mode.

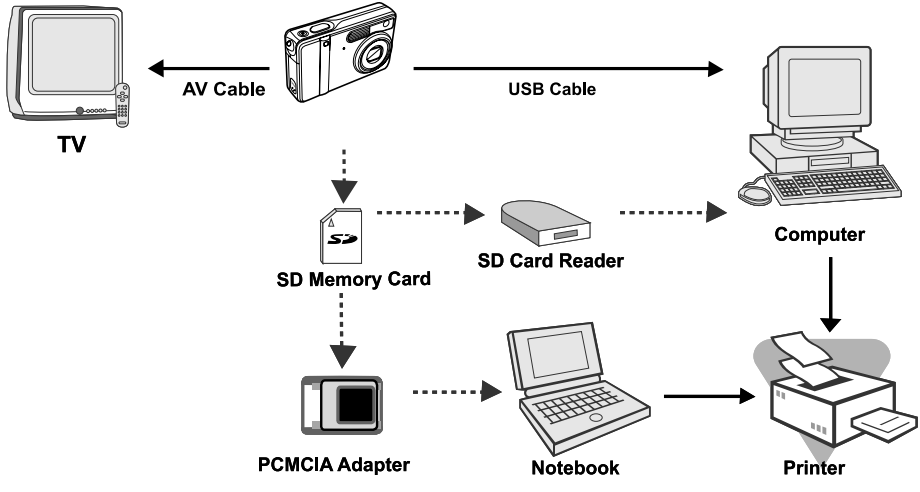
■ **BASIC Settings**

Item	Functional Description
SPEAKER	Sets whether or not to mute the startup sound and camera sound each time you press the camera button. * ON/OFF
FORMAT	Erases all images and reformats the SD card loaded in your camera. Protected images are also erased. SD card cannot be formatted if it is write-protected. Refer to section in this manual titled "Formatting an SD Memory Card or Internal Memory" for further details. * YES/NO
SLEEP	Allows you to adjust the time delay for power savings. If no operation performed for a specific period of time, the status of LCD monitor will turn into idle mode (also known as power save mode) and the LCD monitor will turn off. You can press any button to resume the operation. * OFF / 30SEC / 1MIN. / 2MIN.
RESET	Returns all basic settings to Vivicam 5340s' default settings. The time setting will not be reset. * YES/NO
POWER OFF	If no operation is performed for a specific period of time, the power to Vivicam 5340s is automatically turned off. This feature is useful to reduce battery wear. * OFF / 3MIN. / 5MIN. / 10MIN.
DATE PRINT	The date of recording can be printed directly on the still images. This function must be activated before the image is captured. * ON/OFF

■ **CUSTOM Settings**

Item	Functional Description
DATE TYPE	Sets the displayed type of date and time on the screen. * [Y/M/D]: Year/Month/Day * [D/M/Y]: Day/Month/Year * [M/D/Y]: Month/Day/Year
DATE SETUP	Sets the date and the time. Refer to section in this manual titled “Setting the Date and Time” for further details.
LANGUAGE	Sets the language that is displayed on the LCD monitor. Refer to section in this manual titled “Choosing the Screen Language” for further details. * 日本語 / ENGLISH / 繁體中文 / 简体中文 / FRANÇAIS / DEUTSCH / ITALIANO / ESPAÑOL
VIDEO OUT	Sets video output system of the video equipment that you are going to connect to Vivicam 5340s. *PAL / NTSC
VERSION	Displays the firmware version of Vivicam 5340s.

CONNECTING YOUR CAMERA TO OTHER DEVICES



VIVICAM 5340S SPECIFICATIONS

Item	Description
Resolution	5 Mega Pixels
Still image resolution	2560 x 1920 maximum
Video clip resolution	640 x 480, 320 x 240
Still image quality settings	Super fine, Fine, Normal
Internal memory	10 MB
External memory	Secure Digital (SD) memory card (optional, up to 512MB)
Compression formats	MPEG 4 SP (Video), IMA-ADPCM (Audio)
File formats	JPG, TIFF, ASF (Video)
Lens aperture	f/2.8 (wide) – f/4.9 (tele)
Focal length	5.4 mm -16.2 mm
Range of focus	Normal: 18” – infinity (0.5 M – infinity) Wide: 2” – 16” (0.06 - 0.4 M) Tele: 14” – 18” (0.35 - 0.5 M)
LCD display	1.9” LTPS color LCD
Self-timer	3 or 10 second delay
Exposure	Automatic
Exposure compensation	+/- 2.0EV (0.5 EV increments)
White balance	Automatic, Daylight, Cloudy, Sunset, Tungsten, Fluorescent
ISO	Automatic, 100, 200
Ports	DC-In, USB, A/V
Power	Lithium-ion rechargeable battery (650mAH), or AC-DC Adapter
Dimensions	Approximately 3.6” x 2.2” x 1.1” (91 x 58 x 27 mm)
Weight	Approximately 4.3 ounces (120 gm) (without batteries or memory card)

* Design and specifications are subject to change without notice.

APPENDIX

■ **Troubleshooting Guide**

Symptom	Possible causes	Solutions / Corrective Actions
Power does not turn on	* The battery has run out. * The battery is not oriented correctly. * The battery cover is not closed properly. * The AC power adapter (optional) is disconnected.	* Load new or fully charged battery. * Load the battery in the correct direction. * Close the battery cover correctly. * Properly connect the AC power adapter.
Vivicam 5340s suddenly powers down.	* [SLEEP] in BASIC menu of SETUP mode activated. * The battery has run out.	* Turn the power back on. * Charge the battery.
Image is not captured when the shutter button is pressed.	* Vivicam 5340s is in PLAY mode. * Memory is full.	* Select the CAMERA mode in main menu screen. * Transfer the desired files to your computer and then delete unnecessary files, or use a different memory card.
Continuous shooting is not possible.	* NO FLASH is selected in flash mode. * Vivicam 5340s is in Continuous/AEB/ Movie mode.	* Select a different flash mode. * Select [SINGLE] in the capture mode of CAMERA menu.
Cannot use the flash to capture images.	* The capacity of the built-in memory or SD memory card is full.	* Insert a new SD memory card.
Cannot transfer files over a USB connection.	* USB cable is not connected securely. * USB driver is not installed. * Vivicam 5340s is turned off.	* Check all connections. * Install the USB driver on your computer. * Turn on Vivicam 5340s.

■ **Possible Number of Recordable Images**

The frame counter indicates the approximate number of images that can be stored on the SD memory card. The number of recordable images may vary depending on the recorded subject, the capacity of the memory card, there are files other than images or when the recording is made while switching the picture quality or resolution.

Resolution	Quality (Compression Ratio)	SD memory card						
		8MB	16MB	32MB	64MB	128MB	256MB	512MB
2560 x 1920 pixels 5M	⁂ Super fine (1/8)	1	4	9	19	40	79	161
	⁂ Fine (1/12)	3	8	19	39	79	158	320
	★ Normal (1/16)	5	13	28	59	120	239	483
2048 x 1536 pixels 3M	⁂ Super fine (1/8)	3	7	14	30	62	124	251
	⁂ Fine (1/12)	6	13	29	61	123	247	498
	★ Normal (1/16)	9	20	44	91	185	370	747
1280 x 960 pixels 1M	⁂ Super fine (1/8)	7	17	38	78	159	317	641
	⁂ Fine (1/12)	15	35	74	153	312	623	1256
	★ Normal (1/16)	23	51	109	226	459	916	1847
640 x 480 pixels VGA	⁂ Super fine (1/8)	30	67	143	295	600	1198	2416
	⁂ Fine (1/12)	58	125	266	549	1114	2225	4487
	★ Normal (1/16)	84	175	373	769	1560	3115	6282
TIFF IMAGE TIFF		0	0	2	4	8	17	34

- The above data shows the standard testing results. The actual capacity varies according to the shooting conditions and settings.

■ **Approximate Duration of Recording Time**

The table below indicates the approximate duration of recording time depending on the capacity of the SD memory card.

Image size	**SD memory card**						
	8MB	16MB	32MB	64MB	128MB	256MB	512MB
640 x 480	0:18	0:47	1:46	3:42	7:36	15:14	30:48
320 x 240	1:13	3:08	6:58	14:38	29:58	1:00:05	2:01:25

- The values for the recording time may vary depending on the shooting conditions and settings.